## Memorandum

## RE: Crawford Street Well Abandonment

To:

Ross Rieke - Bridgewater Group, Inc.

Copy:

Mat Cusma - SIC

From:

Dennis Dykes - Bright Fields Groundwater, Inc.

Date:

March 23, 2005

Two of the three temporary small diameter monitoring wells installed at the Crawford Street site in 2001 were abandoned on March 23, 2005. Abandonment was completed under the supervision of a licensed well driller by Geo-Tech Explorations using methods reported as accepted for this type of well. Abandonment procedures consisted of removal of the flush monument, an attempt to pull the <sup>3</sup>/<sub>4</sub> -inch diameter PVC pipe, pushing an oversized solid drive point to the depth of the bottom of the well, removal of the solid point, and filling the resulting open hole with chipped bentonite clay.

At well PP-1 an approximately 10-foot long section of the <sup>3</sup>/<sub>4</sub> -inch pipe was pulled before it broke. At PP-3 only 1 ½ feet of pipe was pulled before it broke. Well PP-2 could not be located and therefore could not be abandoned. The flush monument for PP-2 appears to have been accidentally removed by steel yard operations at an unknown time. An attempt was made on March 15<sup>th</sup> to locate PP-2 using a backhoe. A large area around the approximate location of PP-2 was excavated but no evidence of the PVC pipe or boring was found.

Attachments: Field Notes

